

GOVERNMENT OF TELANGANA
ABSTRACT

Energy Department – Conversion of Overhead line to Underground Cable in metro zone (Banjara hills circle, Secunderabad circle, Hyderabad Central and Hyderabad South circle) Hyderabad- Project cost Rs 4051 Crores – Approved – Orders – Issued.

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Energy (Power.I) Department

G.O.Ms.No. 43

Dated: 29-11-2025

Read the following:

From the Chairman & Managing Director, TGSPDCL, Lr. No.CMD/ TGSPDCL/ CE(Projects)/F.No.D.No. /25-26 dated 14.10.2025

ORDER:

1. In the reference read above, the Chairman & Managing Director, TGSPDCL has requested for conversion of Overhead line to Underground Cable in Metro zone, Hyderabad.
2. A draft Detailed Project Report (DPR) for conversion of Overhead line to Underground cable in metro zone (Banjara hills circle, Secunderabad circle, Hyderabad central and Hyderabad south circle), Hyderabad, amounting to approximately Rs. 4,051 crore was submitted for approval and sanction.
3. In order to improve the quality and reliability of power supply, TGSPDCL has conceptualized the program for undergrounding of the existing distribution network. It was envisaged to carry out undergrounding of existing all 33 kV and 11 kV overhead (OH) and LT OH lines (main roads). Undergrounding of the power distribution network in metro zone, Hyderabad area will enhance efficiency and reliability of power supply and reduce maintenance cost. This will attract the industries and other investments into the Metro zone, Hyderabad area thereby improving the economic growth.
4. TGSPDCL proposed to do undergrounding of the complete existing network (33 kV, 11 kV and LT) on main roads. For the distribution network in lanes and narrow areas, LT lines is proposed with AB cable. Wherever possible 33 kV, 11 kV and LT lines would be placed in same trench for optimization on techno-commercial aspects.

S.No.	Description	Quantity (Kms)	Amount (INR Crores)
1	Exclusive 33KV (HDD)	180	110
2	Exclusive 11KV (HDD)	2396	1430
3	Combined 33KV & 11KV	73	65
4	Combined 33KV , 11KV & LT	24	25
5	Combined 11KV & LT	1407	857
6	Combined 33KV &LT	10	7
7	Main Roads LTOH Line	825	149
8	LT OH to LT AB	6251	563
9	RMU's	14051	823
10	OFC Cable	3899	23
Total Cost			4051

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5. The Chairman & Managing Director, TGSPDCL has informed that the above estimate is based on existing rates as per SSR and this may vary based on field conditions and the rates prevailing during execution of the actual project.

6. Government after careful examination of the matter, hereby approved with the proposal of the CMD, TGSPDCL for Conversion of Overhead line to Underground Cable in metro zone (Banjara hills circle, Secunderabad circle, Hyderabad central and Hyderabad south circle) Hyderabad. The cost of the project shall be met from the internal funds of TGSPDCL or through borrowing by TGSPDCL. The TGSPDCL shall include the participation of Telecom/Internet service providers and T-Fiber in underground cabling through sharing of costs.

7. The Chairman & Managing Director, TGSPDCL is requested to take further action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF TELANGANA)

NAVIN MITTAL
PRINCIPAL SECRETARY TO GOVERNMENT

To,
The Chairman & Managing Director, TGSPDCL, Hyderabad.

Copy to:

The G.A. (Cabinet) Department, TG Secretariat, Hyderabad

PS to Special Secretary to Hon'ble Chief Minister

OSD to Hon'ble Deputy Chief Minister (Energy)

PS to Principal Secretary to Government, Energy Department.

Sf/scs (C.No.1468/Power.I/2025)

//FORWARDED BY ORDER//

SECTION OFFICER